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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number

10/646,526

Filing Date

08/22/2003

First Named Inventor

Kenneth COLLINS

Art Unit

1763

Examiner Name

Maureen G. Arancibia

Attorney Docket Number

006915/P08

### ENCLOSURES (Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)



Reply to Missing Parts/  
Incomplete Application



Reply to Missing Parts  
under 37 CFR 1.52 or 1.53



Drawing(s)



Licensing-related Papers



Petition



Petition to Convert to a  
Provisional Application



Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_



Landscape Table on CD



After Allowance Communication to TC



Appeal Communication to Board  
of Appeals and Interferences



Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)



Proprietary Information



Status Letter



Other Enclosure(s) (please identify  
below):

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Law Office of Robert M. Wallace

Signature

*Robert M. Wallace*

Printed name

Robert M. Wallace

Date

02/07/2006

Reg. No.

29,119

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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*Shelly Hart*

Typed or printed name

Shelly Hart

Date

02/07/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number	10/646,526
Filing Date	08/22/2003
First Named Inventor	Kenneth COLLINS
Examiner Name	Maureen G. Arancibia
Art Unit	1763
Attorney Docket No.	006915/P08

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 50-0338 Deposit Account Name: Michaelson & wallace

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

**Total Claims****Extra Claims****Fee (\$)****Fee Paid (\$)**

\_\_\_\_ - 20 or HP = \_\_\_\_ x \_\_\_\_ = \_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims****Extra Claims****Fee (\$)****Fee Paid (\$)**

\_\_\_\_ - 3 or HP = \_\_\_\_ x \_\_\_\_ = \_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**Multiple Dependent Claims****Fee (\$)****Fee Paid (\$)****3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
____ - 100 = ____	____	____ / 50 = ____ (round up to a whole number) x ____	____	____

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of Information Disclosure Statement under 37 CFR 1.97(c)**Fees Paid (\$)**\$180.00**SUBMITTED BY**

Signature

Robert M. WallaceRegistration No. 29,119  
(Attorney/Agent)

Telephone 805-644-4035

Name (Print/Type)

Robert M. Wallace

Date

02/07/2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**CERTIFICATE OF MAILING**

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an envelope addressed to Commissioner  
for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  
on FEBRUARY 7, 2006 (Date of Deposit)

PATENT

Attorney Docket No.: 006915/P08



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kenneth COLLINS, et al.

Entitled: PLASMA IMMERSION ION  
IMPLANTATION SYSTEM INCLUDING A  
CAPACITIVELY COUPLED PLASMA SOURCE  
HAVING LOW DISSOCIATION AND LOW  
MINIMUM PLASMA VOLTAGE

Serial No.: 10/646,526

Filing Date: August 22, 2003

)  
) Group Art Unit: 1763  
)  
)  
)  
) Examiner: Maureen G.  
) Arancibia  
)  
)  
)

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(c)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR 1.56, the references listed below and on the attached form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. A copy of each foreign patent document and/or non-patent literature is enclosed.

This information is being submitted subsequent to the later of three months after the filing date of the present application or the mailing of the first Office Action on the merits, but before the mailing of a final action or the notice of allowance. Please see the attached USPTO Fee Transmittal for fee payment.

02/15/2006 DEMMANU1 00000009 500338 10646526

01 FC:1806 180.00 DA

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO-1449 with initials or other appropriate marks.

Respectfully submitted,



Robert M. Wallace  
Reg. No. 29,119  
Attorney for Applicants  
Customer No. 000044843

Dated:



Robert M. Wallace  
Patent Attorney  
2112 Eastman Avenue, Suite 102  
Ventura, CA 93003  
(805) 644-4035

INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT

Sheet 1 of 1



Application Number: 10/646,526  
Filing Date: 08/22/2003  
First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: 1763  
Examiner Name: Maureen G. Arancibia  
Attorney Docket Number: 006915/P08

**U. S. PATENT DOCUMENTS**

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
	US-4,176,003	11-27-1979	BROWER ET AL.	430	313	02-22-1978
	US-5,229,305	07-20-1993	BAKER	437	11	02-03-1992
	US-5,885,358	03-23-1999	MAYDAN ET AL.	118	723	07-09-1996
	US-5,958,140	09-28-1999	ARAMI ET AL.	118	725	07-26-1996
	US-5,897,713	04-27-1999	TOMIOKA ET AL.	118	723	09-17-1996
	US-6,121,161	09-19-2000	ROSSMAN ET AL.	438	783	01-19-1999
	US-6,180,496 B1	01-30-2001	FARRENS ET AL.	438	455	08-28-1998
	US-6,387,719 B1	05-14-2002	MVROS ET AL.	438	21	02-28-2001
	US-6,432,260 B1	08-13-2002	MAHONEY ET AL.	156	345.35	08-07-2000
	US-6,492,612 B1	12-10-2002	TAGUCHI ET AL.	219	121.43	07-13-2000
	US-6,645,828 B1	11-11-2003	FARRENS ET AL.	438	455	09-08-2000
	US-6,780,759 B2	08-24-2004	FARRENS ET AL.	438	635	10-01-2001
	US 2003/0211705 A1	11-23-2003	TONG ET AL.	438	455	06-13-2003
	US 2004/0036038 A1	02-26-2004	OKUMURA ET AL.	250	492.2	07-13-2003
	US 2004/0092084 A1	05-13-2004	RAYSSAC	438	455	10-30-2003
	US 2004/0126993 A1	07-01-2004	CHAN ET AL.	438	455	12-30-2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
	EP 1 054 433 A1	22.11.2000	EUROPE	OHIRA, KOUCHI, ET AL.	N/A
	JP 04318168 A	11.09.1992	JAPAN	KUWABARA HAJIME	N/A
	JP 07130496 A	19.05.1995	JAPAN	KAZUMICHI SUZUKI	N/A
	JP 09186337 A	15.07.1997	JAPAN	NAKAHORI MASAKI	N/A

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	
	Chediak, Alex, et al., "SIMOX - The "Winner" for 300 mm SOI Wafer Fabrication", <i>TICS</i> 5, April 26, 2002, pp. 1-6.

Examiner's Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.